# Exhibit K Attorneys' Eyes Only

[To be filed under seal]



## **Transcript of Colin Bloch**

Date: June 20, 2018

Case: UMG Recordings, Inc., et al. -v- Grande Communications Networks, LLC, et al.

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1 (1 to 4)

IN THE UNITED STATES DISTRICT COURT	1 APPEARANCES
FOR THE WESTERN DISTRICT OF TEXAS	2 FOR PLAINTIFFS:
AUSTIN DIVISION	3 Robert B. Gilmore
UMG RECORDINGS, INC., §	4 STEIN MITCHELL CIPOLLONE
et al. §	5 BEATO & MISSNER LLP
Plaintiffs, §	6 1100 Connecticut Avenue, NW, Suite 1100
VS. § CIVIL ACTION NUMBER	7 Washington, D.C. 20036
\$ 1:17-cv-0365-LY	8 (202) 737-7777
GRANDE COMMUNICATIONS §	9 rgilmore@steinmitchell.com
0 NETWORKS LLC and §	10
1 PATRIOT MEDIA §	11 ON BEHALF OF DEFENDANTS:
2 CONSULTING, LLC §	12 Jennifer E. Hoekel
3 Defendants.	13 Margaret R. Szewczyk
4	14 ARMSTRONG TEASDALE LLP
5 Deposition of	15 7700 Forsyth Boulevard, Suite 1800
6 COLIN BLOCH	
7 Austin, Texas	16 St. Louis, Missouri 63105 17 (314) 342-4162
7 AUSTIN, TEXAS 8 June 20, 2018	18 jhoekel@armstrongteasdale.com
9 9:30 a.m.	<pre>19  mszewczyk@armstrongteasdale.com 20</pre>
1	21 VIDEOGRAPHER:
2	22 Sam Swain
3 Job No.: 193707	23
4 Pages: 1 - 113	24
5 Reported by: Micheal A. Johnson, RDR, CRR	25
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3 (9 to 12)

Conducted	d on June 20, 2018
9	11
1 A. I don't know.	1 A. Yes.
Q. Which company sued Grande; do you know?	2 Q. What is your current job at Grande?
3 A. I don't remember.	3 A. My title is manager of Internet systems.
Q. And in general terms, why were you deposed	4 Q. How long have you had that position?
5 in that case?	5 A. I would say about 15 years, maybe longer.
6 A. I was a system administrator over a team	6 Q. Before you held this position, what was
7 who deployed the software.	7 your position at Grande?
8 Q. How many years have you worked at Grande?	8 A. Senior system administrator.
9 A. Eighteen.	9 Q. Can you describe what your job
10 Q. I'm going to ask you some more background.	10 responsibilities are as the manager of Internet
11 I know you've been deposed once, but I just want	11 systems?
12 to go over some ground rules as a refresher on how	12 A. That will keep us here for a while. You
13 depositions work. It's my job to ask you	13 know, when people ask me what I do, I tell them
14 questions that you understand. Okay?	14 I'm in telecom because it's easier than describing
15 A. Yes.	15 all the responsibilities I have, but I'd say, just
16 Q. It's important that you give a verbal	16 boil it down as short as possible, I manage the
17 answer rather than a head shake or nod so that	17 systems that provide the experience for our retail
18 since it's being transcribed. Okay?	18 Internet, phone and cable customers.
19 A. Yeah.	19 Q. And can you give me some more detail about
20 Q. If you don't understand one of my	20 what it means to manage the systems that provide
21 questions, it's probably going to happen at some	21 experience for Grande's Internet, phone and cable
22 point during the day, just ask me to just let	22 customers, retail customers?
23 me know, I'll try and rephrase it. Okay?	23 A. At the core of it, I'm a UNIX system
24 A. Cool. Thanks.	24 administrator. So my specialty is running UNIX
25 Q. Let's see. If you need to take a break,	25 systems, which are the core of our server
10	
1 just let us know. I'll probably take a break	1 environment which provides all the services to the
2 about every hour. If I've just asked a question,	2 customers, e-mail, authentication, cable modem
3 I'd ask that you answer my question before we go	3 provisioning, digital phone provisioning,
4 on break. Fair?	4 et cetera.
5 A. Yes.	5 Q. Do you have people who report to you?
6 Q. If you answer my question, I'm going to	6 A. No, I don't.
7 assume that you understood it. Understand?	7 Q. Who do you report to?
8 A. Yes.	8 A. I report to Pete Jacoby.
Q. If at any point during the deposition you	9 Q. And who is Mr. Jacoby? What is his job at
10 realize that like an answer that you previously	10 Grande?
11 gave is incomplete or inaccurate in any way, just	11 A. He is actually at RCN Corporate in Boston
12 let me know and you can clarify it on the record.	12 and he is primarily network-side focused, in the
13 Okay?	13 sense that most of his employees are router
14 A. Okay.	14 engineers, IP telecom, actual transit engineers.
15 Q. Is there you understand that you were	15 Q. How long have you reported to Mr. Jacoby
16 just sworn in so this testimony that you're going	16 at RCN?
17 to give today is under oath just as it would be if	17 A. Less than one year.
40 ·	

18 you were in court?19 A. Yes.

20 Q. Is there any reason that you can't give

21 truthful and accurate testimony today?

22 A. No.

23 Q. Okay. Your current employer is Grande?

24 A. Yes.

25 Q. You've worked for Grande for 18 years?

19 at RCN, who did you report to?20 A. Richard Fogle.

21 Q. And what was Mr. Fogle's position?

22 A. At the time, I believe he was director of

18 Q. Before you started reporting to Mr. Jacoby

23 IT.

24 Q. What is his -- strike that.

25 Is he currently at Grande, Mr. Fogle?

10 (37 to 40)

Conducted on	June 20, 2018
37	1 DVAND CHANODE
1 responsibility?	1 BY MR. GILMORE:
2 MS. HOEKEL: Object to the form.	2 Q. It was some point early in your career at
3 A. Five years.	3 Grande?
4 BY MR. GILMORE:	4 A. Yes.
5 Q. Before that, who had that responsibility?	5 Q. And is that around the time when your
6 A. Keith Crabtree.	6 responsibilities included developing the process
7 Q. And before that, did you have that	7 for developing the process regarding the
8 responsibility?	8 notices of infringement that Grande was receiving,
9 A. No. I don't recall who had it before.	9 what Grande was doing with those?
10 Q. Was there some point in time that you had	10 MS. HOEKEL: Object to the form.
11 that responsibility?	11 A. Yes
12 A. Yes.	12 BY MR. GILMORE:
13 Q. And that was in the 2000s?	13 Q. From a technical standpoint at least?
14 A. Very early 2000s, yes.	MS. HOEKEL: Object to the form.
15 Q. When you say "early in the 2000s," do you	15 A. Yeah, could you say that one again?
16 mean like sort of the first half of the decade or	16 BY MR. GILMORE:
17 the	17 Q. Sure. You told me it was early in your
18 A. I started in September 2000, and I handled	18 career that Grande became aware of copyright
19 that process for at least a couple of years.	19 infringement happening by Grande subscribers. Is
20 Q. Was that before you had developed the	20 that when your responsibilities included
21 automated process that you were telling me about	21 developing sort of technical solutions for dealing
22 earlier?	22 with that?
23 A. Yes.	23 MS. HOEKEL: Object to the form, misstates
24 Q. So tell me what you remember about when	24 the prior testimony.
25 you handled the abuse process. Actually, let me	
1 stop. First I'll withdraw that question.	1 A. That was never a part of my
2 You used the phrase "abuse process."	2 responsibility. I just insisted on it.
3 A. Uh-huh.	3 BY MR. GILMORE:
4 Q. What does that phrase mean?	4 Q. You insisted on it?
5 A. It's a legacy phrase dating back to	5 A. Yes.
6 describing any kind of illicit activity that could	6 Q. Tell me why you insisted on it.
7 happen on your network. In the timespan of the	7 A. Well, that kind of activity was a drain on
8 mid-'90s to the early 2000s, it more meant people	8 our technical resources and it was also
9 being belligerent in chat rooms, perhaps, you	9 disparaging to our reputation. Both of those
10 know, perpetrating IP DOS attacks towards other	10 things could lead to service deficiencies in other
11 IRC chat relay customers, maybe sending	11 areas, so we had no desire for it.
12 objectionable e-mails, et cetera. Any complaint	12 Q. Tell me how copyright infringement is a
13 would come in through abuse.	13 drain on Grande's technical resources.
14 Q. And at some point in time, the abuse	14 MS. HOEKEL: Object to the form.
15 process came to include copyright infringement?	15 A. By virtue of them using new technologies
16 A. It did.	16 to use more bandwidth than they would normally be
17 Q. About when did that happen?	17 capable of.
	18 BY MR. GILMORE:
18 A. Well, it happened the moment that we 19 became aware of copyright infringement happening,	
20 when the organizations popped up.	19 Q. Was one of those technologies BitTorrent, 20 peer-to-peer file sharing?
21 Q. About when did Grande become aware of	21 A. It was.
22 copyright infringement happening by Grande	22 Q. Tell me what you know about BitTorrent.
23 subscribers?	23 A. I know that it is used more for the wrong
24 MS. HOEKEL: Object to the form.	24 reasons than the right.
25 A. I don't recall the exact date, man.	25 Q. Has Grande ever well, strike that.

11 (41 to 44)

Conducted or	n June 20, 2018
41	43
Does Grande have the technical ability to	1 to a known list of blocked sites. Now, how it
2 block access to BitTorrent sites?	2 does that, I couldn't tell you specifically. And
3 MS. HOEKEL: Object to the form, calls for	3 then we've had a retail instance of that too,
4 speculation.	4 where we had a service filtered for customers too
5 A. That probably is outside of my area, since	5 so where we could keep them from objectionable
6 it's like would be an IP function, so I	6 websites.
7 couldn't really say for sure.	7 Q. Has Grande ever, to your knowledge,
8 BY MR. GILMORE:	8 considered blocking BitTorrent websites?
9 Q. When you say 'IP," do you mean	9 MS. HOEKEL: Object to the form, calls for
10 intellectual property or some other	10 speculation.
11 A. Sorry. Internet protocol, as in	11 A. I don't know if it's been considered.
12 networking related rather than UNIX systems. That	12 BY MR. GILMORE:
13 would be at a network level, I believe.	13 Q. Do you know if Grande blocks its employees
14 Q. And who has responsibility for the	14 from accessing BitTorrent websites or other
15 Internet protocol or network level functions	15 peer-to-peer file sharing websites?
16 within Grande?	16 A. I don't I don't know, although I need
17 A. I know that it all boils up eventually to	17 it, so I would hope not. We download a lot of
18 Lamar Horton, but he has several IP engineers.	18 corporate software that way.
19 Q. Can you tell me who those people are?	19 Q. Through BitTorrent?
20 A. I know one of them is Vito Ciminello. And	20 A. Yes.
21 I know there's Lynn Buegeler. That's about all	21 Q. Does Grande block its customers sorry,
22 I've got offhand.	22 strike that.
23 Q. So understanding that this isn't part of	23 Does Grande block its employees from
24 your job responsibility, but you seem like you are	24 downloading or uploading music or movies through
25 someone who has some technical expertise. Fair?	25 peer-to-peer file sharing sites?
42	44
1 A. Yes.	1 MS. HOEKEL: Object to the form.
2 Q. Are you aware of Internet service	2 A. I don't know. I don't think any of us
3 providers strike that.	would try that.
4 Are you aware of technical capabilities	4 MS. HOEKEL: We've been going about an
5 that exist for an Internet service provider to	5 hour.
6 block its subscribers from accessing certain	6 MR. GILMORE: Yeah, we can go take our
7 websites?	7 first break now.
8 MS. HOEKEL: Object to the form, calls for	8 MS. HOEKEL: Okay.
9 expert testimony, incomplete hypothetical.	9 THE VIDEOGRAPHER: Off the record at
10 A. Yes.	10 10:23.
11 BY MR. GILMORE:	11 (Recess taken from 10:23 a.m. to
12 Q. Tell me what you know about the technical	12 10:34 a.m.)
13 capabilities that exist for Internet service	13 THE VIDEOGRAPHER: Back on the record at
15 capacifities that exist for interfict service	15 THE VIDEOUNTI HER. Dack off the record at

- 14 providers to block subscribers from accessing
- 15 websites.
- 16 MS. HOEKEL: Same objections, calls for
- 17 expert testimony.
- 18 A. I know it's possible.
- 19 BY MR. GILMORE:
- 20 Q. How do you know it's possible?
- 21 A. We do it on some level.
- 22 Q. Tell me what Grande does to block
- 23 subscribers from accessing certain websites.
- 24 A. Well, we have a corporate third-party
- 25 product, which does not allow any employees to get

- 14 10:34.
- 15 BY MR. GILMORE:
- 16 Q. Mr. Bloch, earlier you said Grande became
- 17 aware of copyright infringement happening when the
- 18 organizations popped up. Can you tell me -- are
- 19 you referring to companies that detect and send
- 20 notices of copyright infringement? Is that the
- 21 organizations you were referring to?
- MS. HOEKEL: Object to the form.
- 23 A. Yes.
- 24 BYMR. GILMORE:
- 25 Q. I didn't ask you, what did you do to

12 (45 to 48)

Conducted or	1 June 20, 2018	
45		47
1 prepare for today's deposition?	1 A. Increased usage.	
2 A. Not a lot.	2 Q. Were you able to match up increased usage	
3 Q. Did you meet with attorneys	3 by a customer to a notice that identified this IP	
4 A. Yes.	4 address as	
5 Q in advance?	5 A. Not at that time.	
6 A. Yes.	6 Q. Let me just complete that sentence.	
7 Q. For about how many hours?	7 A. Sorry.	
8 A. Two.	8 Q. So initially, was Grande able to match up	
9 Q. Did you review any documents to prepare	9 increased usage by a customer to a notice of	
10 for today's deposition?	10 infringement that identified an IP address?	
11 A. No.	11 MS. HOEKEL: Same objection.	
12 Q. Have you spoken with any other Grande	12 A. That's not a yes/no answer there. I hope	
13 employees who have been deposed?	13 you can restate it differently so I can	
14 A. No.	14 BY MR. GILMORE:	
15 Q. About their depositions, I mean?	15 Q. Well, sure. So I want to just understand.	
16 A. No.	16 You had said that you that Grande strike	
17 Q. Has anyone, other than attorneys,	17 that.	
18 described those depositions to you?	18 You had said, "Around the time we received	
19 A. No.	19 allegations of infringement, we also had similar	
20 Q. Earlier you had said that you had insisted	20 fluctuations in bandwidth usage and attributed	
21 on adding to the abuse process responding to	21 them potentially to one another and addressed it."	
22 notices of copyright infringement; am I right?	So that was your prior answer, and I just	
23 A. Yes.	23 want to ask you some questions about that. Okay?	
24 Q. Okay. And I think you said that the	24 A. Yes.	
25 infringement that was going on might be a drain on	25 Q. So you saw you said the fluctuations	
46		48
1 Grande's technical resources.	1 involved increased usage of bandwidth?	
2 A. Yes.	2 A. Yes.	
3 Q. What did you know about the infringement	3 Q. And was that was Grande able to match	
4 that was going on by Grande subscribers that led	4 that up to specific customers?	
5 you to insist on adding to the abuse process	5 A. No. It was a trend.	
6 responding to copyright infringement?	6 Q. So overall, Grande saw that increased	
7 MS. HOEKEL: Object to the form and calls	7 bandwidth was being used at the same time it was	
8 for a legal conclusion.	8 receiving notices of infringement?	
9 A. Restate again. Sorry.	9 MS. HOEKEL: Object to the form.	
10 BY MR. GILMORE:	10 BY MR. GILMORE:	
11 Q. Sure. Tell me about what information	11 Q. Is that right?	
12 did you know about the infringement that was going	12 A. We had received complaints at the time of	
13 on by Grande subscribers that led you to insist on	13 those, yes.	
14 adding to the abuse process a response to notices	14 Q. Okay. And Grande concluded strike	
15 of copyright infringement?	15 that.	
MS. HOEKEL: Objection, calls for a legal	You and others at Grande concluded that	
17 conclusion and form.	17 the increased bandwidth usage corroborated the	
18 A. We when we around the time we	18 notices of copyright infringement?	
19 received allegations of infringement, we also had	19 MS. HOEKEL: Object to the form.	
20 similar fluctuations in bandwidth usage and	20 BY MR. GILMORE:	
21 attributed them potentially to one another and	21 Q. Is that right?	
22 addressed it.	22 A. No, they potentially supported the notion.	
23 BY MR. GILMORE:	23 Q. And that potential support of the notices	
24 Q. Describe that for me, the fluctuations in	24 of infringement led you and others at Grande to	
25 bandwidth usage.	25 develop a process for processing these notices of	
25 carrent analy.	20 at 1010p a process for processing these notices of	

20 (77 to 80)

77	1	79
1 A. Yes, I believe so.	1 think that Grande had obligations to terminate	19
2 Q. What interactions have you had with	2 customers at some point who receive multiple DMCA	
3 Patriot?	3 notices?	
4 A. Almost none.	4 MS. HOEKEL: Object to the form.	
5 Q. So almost none. What are the interactions	5 A. Well, I'm sorry, I don't know whether I	
6 that you have had with them?	6 should say yes or no. Ask that again.	
7 A. I believe once or twice a member of their	7 BYMR. GILMORE:	
8 team might have spoke at a corporate huddle or	8 Q. Yeah, sure, it was a confusing question.	
9 something, but I've never had a one-on-one	9 A. Yeah.	
10 interaction with any of them.	10 Q. I'm just trying to understand. You say	
11 Q. Who are the Patriot people that you the	11 "our obligation is simply to pass the requests on	
12 members of the team that you had interactions	12 intact to the customers." I'm asking, does that	
13 with?	13 mean you at this point in time, you didn't	
14 A. I couldn't even begin to remember their	14 think Grande also had an obligation to terminate	
15 names.	15 customers about whom it had received multiple	
16 Q. Now, I want to ask you about this about	16 notices?	
17 your e-mail, still looking at Plaintiffs'	17 MS. HOEKEL: Object to the form.	
18 Exhibit 68. The e-mail that you send back to	18 A. Relative to what is in this text, our	
19 Robby Creel originally, it's at the top of	19 obligation initially was to forward it on. That's	
20 page 116 in this exhibit.	20 what I was telling him.	
21 A. Okay.	21 BY MR. GILMORE:	
22 Q. Do you see there's a statement where you	22 Q. At some point in time, though, after	
23 say, "No telling how many people probably got	23 receiving multiple notices, you still thought that	
24 spooked and paid. In our case, as far as I know,	24 Grande had an obligation to terminate customers at	
25 our obligation is simply to pass the requests on	25 some point?	
78		80
1 intact to the customers, although we only pass on	1 A. Yes.	
2 DMCA-type violations to known entities, of which	2 MS. HOEKEL: Object to the form.	
3 this particular one evidently is in our abuse	3 BY MR. GILMORE:	
4 system."	4 Q. And you thought that at the time you sent	
5 Do you see that?	5 this e-mail in 2014?	
6 A. Yes.	6 A. I thought what?	
7 Q. The statement you're making there, that we	7 Q. That at some point after receiving	
8 only pass on DMCA-type violations to known	8 multiple notices for a customer, Grande had an	
9 entities, what are you referring to there?	9 obligation to terminate?	
10 A. It was a typo. It should say "from known	10 A. Yes.	
11 entities."	11 MS. HOEKEL: Object to the form.	
12 Q. And is that referring to the process that	12 BY MR. GILMORE:	
13 we were talking about earlier in your deposition,	13 Q. And you still think that today?	
14 where Grande verifies that this company, in fact,	14 A. Yes.	
15 is legitimate in some sense and Grande will	MR. GILMORE: Been going about an hour.	
16 process its notices?	16 Want to take a break?	
17 A. Yes.	17 THE VIDEOGRAPHER: Off the record at	
18 Q. What did you mean by 'as far as I know,	18 11:28.	
19 our obligation is simply to pass the requests on	19 (Recess taken from 11:28 a.m. to	
20 intact to the customers"?	20 12:40 p.m.)	
21 A. Because our obligation doesn't fall within	21 THE VIDEOGRAPHER: Back on the record at	
22 my purview. So letting them know, if you want to	22 12:40. This begins tape No. 2.	
23 know what our actual obligations are, you'll have	23 BY MR. GILMORE:	
24 to ask somebody else.	24 Q. Mr. Bloch, are you aware of any instance	
25 Q. At this point in time in 2014, did you not	25 where the infringement asserted in a copyright	

28 (109 to 112)

Conducted on	June 20, 2010	
109	1 A I'm awaya that arists I	111
Q. Is peer-to-peer file sharing against the	1 A. I'm aware that existed.	
2 AUP?	2 MR. GILMORE: No further questions.	
3 A. No.	3 MS. HOEKEL: No further questions. We'll	
Q. When you said earlier that you believed	4 read and sign.	
5 Grande might be able to block BitTorrent, what did	5 THE VIDEOGRAPHER: Off the record at 1:25.	
6 you mean by that?	6 (Deposition concluded at 1:25 p.m.)	
7 A. They could block the default ports, which	7	
8 there are nine of.	8	
9 Q. Can you eradicate BitTorrent use through	9	
10 the blocking nine ports?	10	
11 A. No. There's 65,000-plus other ports.	11	
12 Q. And if you blocked certain ports that	12	
13 Grande might believe BitTorrent was using, is it	13	
14 possible that would compromise other websites?	14	
15 A. Possibly.	15	
16 Q. Okay. Are you an expert on BitTorrent?	16	
17 A. No.	17	
18 Q. Are you an expert on peer-to-peer file	18	
19 sharing?	19	
20 A. No.	20	
21 Q. Would you defer to an expert on the	21	
22 technicalities of BitTorrent?	22	
23 A. Yes.	23	
24 Q. Would you defer to an expert on the	24	
25 technicalities of peer-to-peer file sharing?	25	
110		112
1 A. Yeah.	1 ACKNOWLEDGMENT OF DEPONENT	
Q. You looked at Exhibits 92, 173 and 172.	2 I, COLIN BLOCH, do hereby acknowledge that	
3 A. Okay. Let me just get one okay.	3 I have read and examined the foregoing testimony,	
4 Q. Have you ever seen these documents before?	4 and the same is a true, correct and complete	
5 A. I have not.	5 transcription of the testimony given by me and any	
6 Q. Are these documents that you have	6 corrections appear on the attached Errata sheet	
7 interacted with in the course of your job?	7 signed by me.	
8 A. No.	8	
9 MS. HOEKEL: That's all I have.	9	
10 FURTHER EXAMINATION	10	
11 BY MR. GILMORE:	11 (DATE) (SIGNATURE)	
12 Q. Grande has known about this problem of	12	
13 customers using Internet service to share music	13	
14 and movies online illegally for years, right?	14	
MS. HOEKEL: Object to the form.	15	
16 A. I don't know how much Grande, as a	16	
17 company, is aware was aware. When you say	17	
18 that, do you mean every individual in the company	18	
19 or just management or	19	
20 BY MR. GILMORE:	20	
21 Q. Well, you've been aware for years about	21	
22 this problem of customers using Internet service	22	
122 to share music and movies online illegally for	23	
23 to share music and movies online illegally for		
24 years, right? 25 MS. HOEKEL: Object to the form.	24 25	

29 (113 to 116)

	113	
1 DEPORTEDIS CERTIFICATION	113	
1 REPORTER'S CERTIFICATION		
2 I, Micheal A. Johnson, the officer before		
3 whom the foregoing deposition was taken, do hereby		
4 certify that the foregoing transcript is a true		
5 and correct record of the testimony given; that		
6 said testimony was taken by me stenographically		
7 and thereafter reduced to typewriting under my		
8 direction; that reading and signing was requested;		
9 and that I am neither counsel for, related to, nor		
10 employed by any of the parties to this case and		
11 have no interest, financial or otherwise, in its		
12 outcome.		
13 IN WITNESS WHEREOF, I have hereunto set my	7	
14 hand this 24th day of June, 2018.		
15		
[A] [1] [4]		
Butter Dad of Spring		
18 MICHEAL A. JOHNSON, RDR, CRR		
19 NOTARY PUBLIC IN AND FOR		
20 THE STATE OF TEXAS		
21		
22		
23		
24		
25		